EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16	gj same type same parameter	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 11:16
L2	83	ecma and (cli or clr)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 11:17
L3	52	ecma and (cli or clr) not microsoft.as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 11:35
L4	32	ecma and (cli or clr) not microsoft.as. and (intermediate or neutral)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 11:18
L5	0	("2004/0064830").URPN.	USPAT	OR	OFF	2007/01/08 11:34
L6	0	bracha.in. and gj	USPAT	OR	OFF	2007/01/08 11:34
L7	13	ecma and (cli or clr) not microsoft.as. and (JAVA and "J#")	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 14:44
L8	0	codebricks	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 14:46
L9	8	attardi.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 14:47
L10	21	cisternino.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 14:48
L11	1	"re parser"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 14:49
L12	194	"reml"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 14:50
L13	2857	generat$5 same cil	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 14:54
L14	12	generat$5 same cil and (generic$5 or parameteriz$5 or shell or templat$2) near3 (class or object)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 15:15
L15	3735	generat$5 same (common or intermediate or cil) and (generic$5 or parameteriz$5 or shell or templat$2 or "parametric polymorphism") near5 (class or object)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 15:19

EAST Search History

L16	0	(java and ".net" and "j#")	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 15:19
L17	2521	generat$5 same (common or intermediate or cil) and (generic$5 or parameteriz$5 or shell or templat$2 or "parametric polymorphism") near5 (class or object) and (java or ".net" or "j#")	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 15:20
L18	179	generat$5 same (common or intermediate or cil) same (generic$5 or parameteriz$5 or shell or templat$2 or "parametric polymorphism") near5 (class or object) and (java or ".net" or "j#")	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 15:20
L19	171	generat$5 same (common or intermediate or cil) same (generic$5 or parameteriz$5 or shell or templat$2 or "parametric polymorphism") near5 (class or object) and (java or ".net" or "j#") not microsoft.as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 16:28
L20	12	(devillers and sylvain).in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 16:29
L21	4	(devillers and sylvain).in. and object and tree and generic	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 16:49
L22	3236778	"6760905".pn. nd (source or library or dll)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 16:50
L23	1	"6760905".pn. and (source or library or dll)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 16:58
L24	1	"6760905".pn. and (defin$3 near3 parameter)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 17:07
L25	1	"6760905".pn. and (queue or dictionary or stack or list)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 17:12
L26	1	"6760905".pn. and (edit$3 or modify or modification or modify$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 17:17
L27	0	"6760905".pn. and (library or dll)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 17:20

EAST Search History

S1	0	Gadre.in. and "compiling source code using generic classees"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/12 17:37
S2	2	"source code interoperability" and "generic class"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/12 17:38
S3	23	"source code interoperability"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/12 17:40
S4	1354	"generic class"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/12 17:38
S5	204	"generic class" and (java or bytecode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 09:23
S6	115	"generic class" and (java or bytecode) and intermediate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/12 17:39
S7	184	"generic class" and (java or bytecode) and (intermediate or tree or "object model" or token$7 or neutral$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/12 17:49
S8	2	S3 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/12 17:40
S9	22	"source code interoperability" and (tree or intermediate or "object model")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/12 17:41
S10	22	"source code interoperability" and (tree or intermediate or "object model") and (java or bytecode or net or ".net")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/12 17:42

S11	84	"generic class" and (java or bytecode) and (intermediate or tree or "object model" or token$7 or neutral$3 or il or cil or msil) and (interoper$7 or "virtual object" or oopl or "multi source code" or obje)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 09:24
S12	82	S11 not S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/12 17:52
S13	10	(defin$3 or definition) near3 "generic class" and (java or bytecode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/12 18:18
S14	12	(defin$3 or definition) near3 "generic class" and framework	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/12 18:18
S15	6	S13 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/12 18:24
S16	4	S13 not S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/12 18:26
S17	6	S14 not S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/12 18:26
S18	8	(compil$5 or transform$5 or adapt$3 or wrap$4 or translat$3) near2 "generic class" and (java or bytecode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 08:01
S19	9	("6018628").URPN.	USPAT	OR	OFF	2006/07/13 07:54
S20	0	(compil$5 or transform$5 or adapt$3 or wrap$4 or translat$3) near2 "template class" and generic and (java or bytecode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 08:01

S21	0	(compil$5 or transform$5 or adapt$3 or wrap$4 or translat$3) near5 "template class" and generic and (java or bytecode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 08:01
S22	38	(compil$5 or transform$5 or adapt$3 or wrap$4 or translat$3) same ((generic or template) adj class) and (java or bytecode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 08:02
S23	30	S22 not S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 08:45
S24	12	("6032152" "5960197" "6151703" "5600838" "5901314" "6760905").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 08:46
S25	6	("6032152").URPN.	USPAT	OR	OFF	2006/07/13 08:49
S26	320	"generic object" and (java or bytecode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 09:23
S27	0	generic near2 (class or object or oo or template) and (java or bytecode) and (intermediate or tree or "object model" or token$7 or neutral$3 or il or cil or msil) and (interoper$7 or "multi source code" or obje) and (compil$5 or transform$5 or adapt$3 or wrap$4 or translat$3) and paramter$7 near3 (class or object or oo or template)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 09:27
S28	0	generic near5 (class or object or oo or template) and (java or bytecode) and (intermediate or tree or "object model" or token$7 or neutral$3 or il or cil or msil) and (compil$5 or transform$5 or adapt$3 or wrap$4 or translat$3) and paramter$7 same (class or object or oo or template)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 09:28
S29	0	generic$4 near5 (class or object or oo or template) and (java or bytecode) and (intermediate or tree or "object model" or token$7 or neutral$3 or il or cil or msil) and (compil$5 or transform$5 or adapt$3 or wrap$4 or translat$3) and paramter$7 same (class or object or oo or template)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 09:28

S30	12	generic$4 and (class or object or oo or template) and (java or bytecode) and (intermediate or tree or "object model" or token$7 or neutral$3 or il or cil or msil) and (compil$5 or transform$5 or adapt$3 or wrap$4 or translat$3) and paramter$7 and (class or object or oo or template)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 09:35
S31	454	717/106.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 10:12
S32	448	717/108.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 09:35
S33	291	717/118.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 09:36
S34	534	717/136.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 09:36
S35	574	717/140.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 09:36
S36	294	717/143.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 09:36
S37	170	717/144.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 09:37
S38	268	717/146.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 09:37

S39	83	717/147.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 09:38
S40	29	717/147.ccls. and generic$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 09:40
S41	59	717/147.ccls. and (generic$4 or parameter$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 09:40
S42	15	717/147.ccls. and (generic$4 or parameter$7) and (framework or "frame work")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 09:41
S43	2	("6609248").URPN.	USPAT	OR	OFF	2006/07/13 09:50
S44	96	717/106.ccls. and (generic$4 or parameter$7) and (framework or "frame work")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 10:12
S45	69	717/106.ccls. and (generic$4 or parameter$7) and (framework or "frame work") and (pars$3 or tree or intermediate or il)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 10:13
S46	69	717/106.ccls. and (generic$4 or parameter$7) and (framework or "frame work") and (pars$3 or tree or intermediate or il) and (class or object)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 10:14
S47	1	717/106.ccls. and (generic$4 or parameter$7) and (framework or "frame work") and (pars$3 or tree or intermediate or il) and (class or object) and (parameter near5 generic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 10:22
S48	3	717/106.ccls. and (generic$4 or parameter$7) and (framework or "frame work") and (pars$3 or tree or intermediate or il or compil$5) and (class or object) and (parameter near5 generic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 10:25

S49	7	717/108.ccls. and (generic$4 or parameter$7) and (framework or "frame work") and (pars$3 or tree or intermediate or il or compil$5) and (class or object) and (parameter near5 generic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 10:38
S50	6	S49 not S48	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 10:25
S51	3	717/118.ccls. and (generic$4 or parameter$7) and (framework or "frame work") and (pars$3 or tree or intermediate or il or compil$5) and (class or object) and (parameter near5 generic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 08:19
S52	2	717/136.ccls. and (generic$4 or parameter$7) and (framework or "frame work") and (pars$3 or tree or intermediate or il or compil$5) and (class or object) and (parameter near5 generic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 10:44
S53	1	717/140.ccls. and (generic$4 or parameter$7) and (framework or "frame work") and (pars$3 or tree or intermediate or il or compil$5) and (class or object) and (parameter near5 generic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 10:45
S54	1	717/143.ccls. and (generic$4 or parameter$7) and (framework or "frame work") and (pars$3 or tree or intermediate or il or compil$5) and (class or object) and (parameter near5 generic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 10:45
S55	0	717/144.ccls. and (generic$4 or parameter$7) and (framework or "frame work") and (pars$3 or tree or intermediate or il or compil$5) and (class or object) and (parameter near5 generic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 10:45
S56	2	717/146.ccls. and (generic$4 or parameter$7) and (framework or "frame work") and (pars$3 or tree or intermediate or il or compil$5) and (class or object) and (parameter near5 generic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 10:46

EAST Search History

S57	101429	"visual j#" pr	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 10:46
S58	15	".net" or "visual j#" or "visual j# .net"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 12:01
S59	1936	cil or smil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 12:00
S60	1177	cil or msil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 12:01
S61	158	(".net" or "visual j#" or "visual j# .net" or net) and (cil or msil)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 12:02
S62	130	(".net" or "visual j#" or "visual j# .net" or .net) and (cil or msil) not microsoft. as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 12:02
S63	787	((generic near3 class) or (templat$3 near3 class)) and (parameter$7 or declar$5) same (intermediate or compil$5 or il or tree)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 09:28
S64	39	((generic near3 class) or (templat$3 near3 class)) and (parameter$7 or declar$5) same (intermediate or compil$5 or il or cil or tree or (language near2 neutral) or "intermediate language" or common) and ("virtual machine" or "runtime engine") and ((type or generic) near2 class) and ((unconstrain$3 or constructed) near3 (type or class)) and (instantiat$3 near3 (value or argument or parameter or type))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 08:34

EAST Search History

S65	37	((generic near3 class) or (templat$3 near3 class)) and (parameter$7 or declar$5) same (intermediate or compil$5 or il or cil or tree or (language near2 neutral) or "intermediate language" or common) and ("virtual machine" or "runtime engine") and ((type or generic) near2 class) and ((unconstrain$3 or constructed) near3 (type or class)) and (instantiat$3 near3 (value or argument or parameter or type)) not microsoft.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 08:35
S66	36	("6063128").URPN.	USPAT	OR	OFF	2007/01/03 08:49
S67	34	("6063128").URPN. not microsoft.as.	USPAT	OR	OFF	2007/01/03 09:15
S68	1	"6760905".pn.	USPAT	OR	OFF	2007/01/03 09:15
S69	2	("6760905").URPN.	USPAT	OR	OFF	2007/01/03 09:15
S70	21	("5555415" | "5632035" | "5715460" | "5724589" | "5761502" | "5822583" | "5838918" | "5864700" | "6032152" | "6138171" | "6195794" | "6275957" | "6336139" | "6405368" | "6598225" | "6601193" | "6675228" | "6760905" | "6826761" | "6829771" | "6889373"). PN. OR ("7100167").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/03 09:21
S71	10759	(generat$3 or creat$3 or develop$4 or pars$3) near3 ("intermediate language" or li or cil or ((intermediate or common or neutral) near3 (language or code or object or tokens or nodes or tree)) or (pars$3 near3 tree))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 09:25
S72	11785	(generat$3 or creat$3 or develop$4 or pars$3 or compil$5) near3 ("intermediate language" or li or cil or ((intermediate or common or neutral) near3 (language or code or object or tokens or nodes or tree)) or (pars$3 near3 tree))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 09:26
S73	6831	(generat$3 or creat$3 or develop$4 or pars$3 or compil$5) near3 ("intermediate language" or li or cil or ((intermediate or common or neutral) near3 (language or code or object or tokens or nodes or tree)) or (pars$3 near3 tree)) and (java or ".net" or "j#" or "virtual machine" or "runtime engine")	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 09:29

EAST Search History

S74	438	(generat$3 or creat$3 or develop$4 or pars$3 or compil$5) near3 ("intermediate language" or li or cil or ((intermediate or common or neutral) near3 (language or code or object or tokens or nodes or tree)) or (pars$3 near3 tree)) and (java or ".net" or "j#" or "virtual machine" or "runtime engine") and ((generic near3 class) or (templat$3 near3 class) or (parameter$7 near3 class) or (shell near3 class))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 09:30
S75	157	(generat$3 or creat$3 or develop$4 or pars$3 or compil$5) near3 ("intermediate language" or li or cil or ((intermediate or common or neutral) near3 (language or code or object or tokens or nodes or tree)) or (pars$3 near3 tree)) and (java or ".net" or "j#" or "virtual machine" or "runtime engine") and ((generic near3 class) or (templat$3 near3 class) or (parameter$7 near3 class) or (shell near3 class)) and 717/???.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 09:31
S76	143	(generat$3 or creat$3 or develop$4 or pars$3 or compil$5) near3 ("intermediate language" or li or cil or ((intermediate or common or neutral) near3 (language or code or object or tokens or nodes or tree)) or (pars$3 near3 tree)) and (java or ".net" or "j#" or "virtual machine" or "runtime engine") and ((generic near3 class) or (templat$3 near3 class) or (parameter$7 near3 class) or (shell near3 class)) and 717/???.ccls. not microsoft.as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 09:31
S77	117	(generat$3 or creat$3 or develop$4 or pars$3 or compil$5) near3 ("intermediate language" or li or cil or ((intermediate or common or neutral) near3 (language or code or object or tokens or nodes or tree)) or (pars$3 near3 tree)) and (java or ".net" or "j#" or "virtual machine" or "runtime engine") and ((generic near3 class) or (templat$3 near3 class) or (parameter$7 near3 class) or (shell near3 class)) and 717/???.ccls. not microsoft.as. and "source code"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 13:07

S78	3450	((generic near3 class) or (templat$3 near3 class) or (parameter$7 near3 class) or (shell near3 class)) and (queue or dictionary or stack)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 13:08
S79	141249	((generic near3 class) or (templat$3 near3 class) or (parameter$7 near3 class) or (shell near3 class)) and (queue or dictionary or stack) (first and second) near3 source	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 13:09
S80	244	((generic near3 class) or (templat$3 near3 class) or (parameter$7 near3 class) or (shell near3 class)) and (queue or dictionary or stack) and (first and second) near3 source	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 13:09
S81	6	defin$5 near3 (parameter or argument or value) same ((generic near3 class) or (templat$3 near3 class) or (parameter$7 near3 class) or (shell near3 class)) and (queue or dictionary or stack) and (first and second) near3 source	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 13:43
S82	1	"6760905".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 13:43
S83	2	("6760905").URPN.	USPAT	OR	OFF	2007/01/03 13:44
S84	21	("5555415" | "5632035" | "5715460" | "5724589" | "5761502" | "5822583" | "5838918" | "5864700" | "6032152" | "6138171" | "6195794" | "6275957" | "6336139" | "6405368" | "6598225" | "6601193" | "6675228" | "6760905" | "6826761" | "6829771" | "6889373"). PN. OR ("7100167").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/03 13:45

IPC --- e.g. D01B7/04 A01C11/02

If you use the OR operation, please leave a **SPACE** between keywords.

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19900101 _ 20030908

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3.	2003 - 044278	METHOD FOR SEARCHING OBJECT TREE SO AS TO CALL SPECIFIC METHOD FOR OBJECT PROVIDED IN TREE
4.	05 - 324338(1993)	METHOD CACHE SYSTEM
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1 HPC.NET - are CLI-based Virtual Machines Suitable for High Performanc
   Werner Vogels
   November 2003 **Proceedings of the 2003 ACM/IEEE conference on Suj
            '03**
   Publisher: IEEE Computer Society
   Full text available: ⊠ pdf(163.35 KB)   Additional Information: full citation, abst

   The Common Language Infrastructure is a new, standardized virtual mac
   become popular on several platforms. In this paper we review whether th
   any future in the high-performance computing community, for example 1
   same application space as the Java-Grande Forum. We review the techne
   benchmarking three implementations of the CLI and compare those with
   virtual machines.

2 Object-oriented programming languages and systems (OOP): [a]C#: C# wi
⬦ code annotation mechanism
   Walter Cazzola, Antonio Cisternino, Diego Colombo
   March 2005 **Proceedings of the 2005 ACM symposium on Applied com**
   Publisher: ACM Press
   Full text available: ⊠ pdf(133.51 KB)   Additional Information: full citation, abst

   Reflective programming is becoming popular due to the increasing set o:

provided by execution environments like JVM and CLR. With custom at introduced an extensible model of reflection for CLR: they can be used a decorations on element declarations. The same notion has been introduce extensible model proposed in both platforms limits annotations to class r paper we describe [a]C#,[1] an extension of the C# p ...

Keywords: .NET, C#, code annotation, reflection

3 Hide and show: using real compiler code for teaching
Elizabeth White, Ranjan Sen, Nina Stewart
February 2005 **ACM SIGCSE Bulletin , Proceedings of the 36th SIGCS symposium on Computer science education SIGCSE '05**
1

Publisher: ACM Press

Full text available: ᴾpdf(283.96 KB) Additional Information: <u>full citation</u>, <u>abst</u> <u>index terms</u>

In this paper, we present a novel approach that enables students in gradu to examine and experiment with a real compiler without becoming overv complexity. The key to the idea is the use of a debugger directly on a co compilation process. By providing instructions on breakpoints and varial student is only shown the relevant portions of the compiler; the rest is hi our strategy of using exercise sessions targeted t ...

Keywords: SSCLI, compilers, parsing

4 Poster Session: Using MPI with C\# and the common language infrastructu
Jeremiah Willcock, Andrew Lumsdaine, Arch Robison
November 2002 **Proceedings of the 2002 joint ACM-ISCOPE conferenc JGI '02**
Publisher: ACM Press

Full text available: ᴾpdf(24.44 KB) Additional Information: <u>full citation</u>, <u>abst</u> <u>index terms</u>

The Common Language Infrastructure (CLI) is a new virtual machine ar environment recently introduced by Microsoft® as part of the .NET initi

a standard bytecode format, and a set of libraries for programs to use. It i
designed to be used with multiple programming languages, and allows c
interoperability. It also includes a provision for stack-allocated data struc
performance), and the use of raw pointers for interfac ...

Keywords: .NET, C#, common language infrastructure (CLI), message]
(MPI), parallel computing

5 Search-based software engineering: papers: Clustering the heap in multi-th
for improved garbage collection
Myra Cohen, Shiu Beng Kooi, Witawas Srisa-an
July 2006 **Proceedings of the 8th annual conference on Genetic and eve
computation GECCO '06**
Publisher: ACM Press
Full text available: pdf(339.10 Additional Information: <u>full citation</u>, <u>abst</u>
KB) <u>index terms</u>

Garbage collection can be a performance bottleneck in large distributed,
applications. Applications may produce millions of objects during their l
invoke hundreds or thousands of threads. When using a single shared hei
garbage collection phase occurs all threads must be stopped, essentially l
processing. Attempts to fix this bottleneck include creating a single heap
however this may not scale to large thread intensive appli ...

Keywords: garbage collection, heap clustering, hill climbing, search bas
engineering, virtual machines

6 The design, implementation, and evaluation of adaptive code unloading for
constrained devices
Lingli Zhang, Chandra Krintz
June 2005 **ACM Transactions on Architecture and Code Optimization**
2 Issue 2
Publisher: ACM Press
Full text available: pdf(814.17 Additional Information: <u>full citation</u>, <u>abst</u>
KB) <u>index terms</u>

Java Virtual Machines (JVMs) for resource-constrained devices, e.g., ha

phones, commonly employ interpretation for program translation. Howe·
able to produce significantly better code quality, and, hence, use device ı
efficiently than interpreters, since compilers can consider large sections (
and exploit optimization opportunities. Moreover, compilation-based syɛ
reuse by future invocations obviating the redund ...

Keywords: Code unloading, JIT, JVM, code-size reduction, resource-co

7 Software engineering: achievements & challenges: domain-specific challeɪ
   user interface construction: a challenge for software engineering-in-the-sm
   Judith Bishop
   May 2006 **Proceeding of the 28th international conference on Software**
                '06
   Publisher: ACM Press
   Full text available: 🖺 pdf(140.76 Additional Information: <u>full citation</u>, <u>abst</u>
                   KB)   <u>index terms</u>

   The popular view of software engineering focuses on managing teams oɪ
   large systems. This paper addresses a different angle of software enginee
   development for re-use and portability. We consider how an essential pa·
   products - the user interface - can be successfully engineered so that it cɛ
   multiple platforms and on multiple devices. Our research has identified t
   problem domain, and we have filled in some o ...

   Keywords: .NET, GUI library reuse, XAML, XUL, graphical user interɪ
   mobile devices, platform independence, portability, reflection, tangible ι
   views

8 Technical correspondence: Requirements for a real-time .NET framework
   A. Zerzelidis, A. J. Wellings
   February 2005 **ACM SIGPLAN Notices**, Volume 40 Issue 2
   Publisher: ACM Press
   Full text available: 🖺 pdf(387.15 Additional Information: <u>full citation</u>, <u>abst</u>
                   KB)   <u>index terms</u>

   The Microsoft .NET Framework is a comparatively new technology that
   considerable momentum. Its user base and popularity is expanding. In ac

number of important traits, such as code portability and cross-language c
these features that have attracted our attention into investigating the poss
using .NET for architecture -neutral real-time systems. As a result, this p
groundwork for implementing a real-time version ...

Keywords: .NET Framework, architecture-neutral real-time systems, co
programming language integration

9 Oil and Water? High Performance Garbage Collection in Java with MMTk
Stephen M. Blackburn, Perry Cheng, Kathryn S. McKinley
May 2004 **Proceedings of the 26th International Conference on Softwa**
    ICSE '04
Publisher: IEEE Computer Society
Full text available: pdf(183.10 Additional Information: full citation, abst
        KB)   terms

Increasingly popular languages such as Java and C# requireefficient garb
paper presents thedesign, implementation, and evaluation of MMTk, a N
Toolkit for and in Java. MMTk is an efficient, composable, extensible, a
framework for building garbage collectors. MMTk uses design patternsa
cooperation to combine modularity and efficiency. The resulting system
easier to maintain, and has fewer defects than monolithic collectors. ...

10 CodeBricks: code fragments as building blocks
Giuseppe Attardi, Antonio Cisternino, Andrew Kennedy
June 2003 **ACM SIGPLAN Notices , Proceedings of the 2003 ACM SIG**
    on Partial evaluation and semantics-based program manipu
    Volume 38 Issue 10
Publisher: ACM Press
Full text available: pdf(294.34 Additional Information: full citation, abst
        KB)   citings, index ten

We present a framework for code generation that allows programs to ma
generate code at the source level while the joining and splicing of execut
out automatically at the intermediate code/VM level. The framework int
Code to represent code fragments: methods/operators from this class are
method from a class, producing its representation as an object of type Cc
can be combined by partial application to other Code ob ...

Keywords: domain specific language, generative programming, metapro multistage programming, program generation, program transformation, r

11 Program and performance analysis: Investigating throughput degradation b
application servers: a view from inside a virtual machine
Feng Xian, Witawas Srisa-an, Hong Jiang
August 2006 **Proceedings of the 4th international symposium on Princi of programming in Java PPPJ '06**
Publisher: ACM Press
Full text available: pdf(1.65   Additional Information: full citation, abst MB)   index terms

Application servers are gaining popularity as a way for businesses to cor operations. Currently, the most adopted technologies for Application Ser and .NET. While strong emphasis has been placed on the performance ar these servers, only a few research efforts have focused on the degradatio Specifically, investigating how they perform under stress and factors tha throughput degradation behaviors. As a preliminary study, we condu ...

Keywords: application servers, garbage collection, throughput

12 Adaptive code unloading for resource-constrained JVMs
Lingli Zhang, Chandra Krintz
June 2004 **ACM SIGPLAN Notices , Proceedings of the 2004 ACM SIC conference on Languages, compilers, and tools for embedder '04,** Volume 39 Issue 7
Publisher: ACM Press
Full text available: pdf(204.29 Additional Information: full citation, abst KB)   citings, index ter

Compile-only JVMs for resource-constrained embedded systems have th device resources more efficiently than interpreter-only systems since cor significantly higher quality code and code can be stored and reused for fi However, this additional storage requirement for reuse of native code bo memory overhead not imposed in interpreter-based systems.In this paper Virtual Machine (JVM) extension for adaptive cod ...

Keywords: JIT, JVM, code unloading, code-size reduction, resource-con

13 OOPSLA student research competition chair's welcome: Optimizing JIT-co
subsystem for Rotor 2.0
Sophia Chilingarova
October 2006 **Companion to the 21st ACM SIGPLAN conference on O**
programming systems, languages, and applications OOP
Publisher: ACM Press
Full text available: pdf(184.57 Additional Information: full citation, abst
KB)   index terms

> The poster describes the design and implementation of the optimizing JI'
> subsystem for SSCLI (Rotor) 2.0 virtual machine. This presentation cove
> the subsystem, integration issues, and a fast algorithm for the 1st level cc

> Keywords: CIL, CLI, JIT-compilation, Rotor, SSCLI, optimization

14 Developing principles of GUI programming using views
Judith Bishop, Nigel Horspool
March 2004 **ACM SIGCSE Bulletin , Proceedings of the 35th SIGCSE**
symposium on Computer science education SIGCSE '04, `
Publisher: ACM Press
Full text available: pdf(262.89 Additional Information: full citation, abst
KB)   citings, index ten

> This paper proposes that GUI development is as important as other aspec
> such as a sound understanding of control structures and object orientatio:
> has been paid to the programming structures for GUIs and certainly there
> language principles to aid the programmer. We propose that principles o
> extracted and learnt, and that they do enhance good programming practic
> have been implemented in our Views system which feat ...

> Keywords: XML, event-based programming, graphical user interfaces, 1
> independence

15 <u>Language and Implementation: Profile-driven code unloading for resource·</u>
Lingli Zhang, Chandra Krintz
June 2004 **Proceedings of the 3rd international symposium on Principl**
programming in Java PPPJ '04
Publisher: Trinity College Dublin
Full text available: <u>pdf(99.23</u>   Additional Information: <u>full citation</u>, <u>abst</u>
                                                                      <u>KB)</u>   <u>citings</u>

Java virtual machines (JVMs) have become increasingly popular for exe·
range of applications on mobile and embedded devices. Most JVMs for ¡
programs using interpretation. However, JVMs that use dynamic compil;
shown to enable significant performance improvements. A disadvantage
approach in resource-constrained environments is that it uses more mem
interpretation to store compiled code for reuse.In this paper, we address ¡

16 <u>Mobility and sociability: The iterative design and study of a large display f</u>
<u>sociable spaces</u>
Shahram Izadi, Geraldine Fitzpatrick, Tom Rodden, Harry Brignull, Yvonr
Lindley
November 2005 **Proceedings of the 2005 conference on Designing for U**
DUX '05
Publisher: AIGA: American Institute of Graphic Arts
Full text available: <u>pdf(1.17</u>
                                                                      <u>MB)</u>   Additional Information: <u>full citation</u>, <u>abst</u>

We explore the design opportunities presented by situating large interact
of the workplace, within shared and sociable spaces such as common are
and conferences, cafes, and hotel foyers. We seek to provide a better unc
design space by charting the iterative design of an interactive large displ;
Dynamo.Dynamo has been designed to enable the sharing and exchange
digital media. We report on how the interacti ...

Keywords: human-computer interaction, interactive systems, large displ
computing, user experience, user interface design, user studies

17 <u>Implementation of a prototype CAIS environment</u>
P Carr, R Stevenson, J Alea, J Berthold, G Croucher
March 1987 **ACM SIGAda Ada Letters,** Volume VII Issue 2

Publisher: ACM Press

Full text available: pdf(922.05 Additional Information: <u>full citation</u>, <u>abst</u>
KB) <u>terms</u>

This paper describes a project to investigate the feasibility, performance
CAIS compliant Ada Programming Support Environment. A working m
environment was built, with a command language interpreter and a smal
the host environment have been imported and made to behave as native (
number of tools have been ported from a parallel effort by a MITRE cor
little difficulty. The prototype was built initially for correctness a ...

18 <u>Language-independent aspect-oriented programming</u>

Donal Lafferty, Vinny Cahill

October 2003 **ACM SIGPLAN Notices , Proceedings of the 18th annual
conference on Object-oriented programing, systems, lang
applications OOPSLA '03**, Volume 38 Issue 11

Publisher: ACM Press

Full text available: pdf(1.26 Additional Information: <u>full citation</u>, <u>abst</u>
MB) <u>citings</u>, <u>index ter</u>

The term aspect-oriented programming (AOP) has come to describe the
mechanisms developed specifically to express crosscutting concerns. Sir
concerns cannot be properly modularized within object-oriented progran
expressed as aspects and are composed, or woven, with traditionally enc
functionality referred to as components.Many AOP models exist, but the
are typically coupled with a single language. To allow weaving of exist .

Keywords: Weave.NET, aspect-oriented programming, common langua
language-independence

19 <u>Application access control at network level</u>

Refik Molva, Erich Rütsche

November 1994 **Proceedings of the 2nd ACM Conference on Computei
communications security CCS '94**

Publisher: ACM Press

Full text available: pdf(956.82 Additional Information: <u>full citation</u>, <u>abst</u>
KB) <u>index terms</u>

This paper describes an access control mechanism that enforces at the ne access control decision that is taken at the application level. The mechan pre-computation of encrypted counters called tickets. An access enforcer the existence of a valid ticket in each packet that is subject to access con unauthorized packets. Tickets are not computed as a function of the user timing constraints of shared media LANs t ...

20 Developing and integrating enterprise components and services: Overcomi extensibility challenges
Erik Meijer, Clemens Szyperski
October 2002 **Communications of the ACM**, Volume 45 Issue 10
Publisher: ACM Press
Full text available: pdf(108.72 KB) html (36.43 KB)   Additional Information: full citation, abst citings, index ten

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